

Water-Data Report NV-2005

393823119424504 Local number 085 N21 E20 35CBAC6 LYSIMETER 2 SHALLOW

Basin and Range basin-fill aquifers

Undefined Aquifer

Washoe County, NV

LOCATION.--Lat 39°38'29.4", long 119°42'45.3" referenced to North American Datum of 1983, in NE ¼ NW ¼ SW ¼ sec.35, T.21 N., R.20 E., Washoe County, Hydrologic Unit 16050201.

WATER-QUALITY RECORDS

COOPERATION.--Washoe County Department of Water Resources

REMARKS.--Depth of lysimeter is 4 ft below land surface datum. Ground water quality data in this table were collected determine an estimate of the amount of nitrogen entering the ground water from septic tank systems in the valley by collection of water quality data from lysimeters and ground water wells near septic systems.

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005**

Part 1 of 2

[Remark codes: <, less than.]

Date	Time	Sample type	Specif. conduc- tance, wat unf lab, uS/cm 25 degC (90095)	Chlor- ide, water, fltrd, mg/L (00940)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Total nitro- gen, wat flt by anal ysis, mg/L (62854)
Oct								
05...	1300	Interstitial water	--	--	<.04	196	<.008	209
Nov								
02...	1331	Interstitial water	--	--	<.04	181	<.008	212
Dec								
08...	1138	Interstitial water	1,940	--	<.04	188	<.008	188
Mar								
01...	1350	Interstitial water	1,080	10.2	<.04	79.3	<.008	78.9
Apr								
05...	1338	Interstitial water	--	11.5	<.04	70.8	<.016	71.6
May								
04...	0958	Interstitial water	--	12.3	.10	77.6	<.008	78.4
Jun								
01...	1032	Interstitial water	--	12.3	<.04	79.7	<.008	83.1
Jul								
06...	0951	Interstitial water	--	12.9	<.04	81.0	<.008	75.9
Aug								
03...	0916	Interstitial water	--	9.58	<.04	48.8	<.008	50.1
Sep								
08...	0849	Interstitial water	1,840	10.9	<.04	55.6	<.008	56.6

393823119424504 Local number 085 N21 E20 35CBAC6 LYSIMETER 2 SHALLOW—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Part 2 of 2

[Remark codes: <, less than.]

Date	Time	Sample type	Chlor- ide, water, flt'd, mg/L (00940)	Ammonia water, flt'd, mg/L as N (00608)	Nitrite + nitrate water flt'd, mg/L as N (00631)	Nitrite water, flt'd, mg/L as N (00613)	Total nitro- gen, wat flt by anal ysis, mg/L (62854)
Oct 05...	0847	Interstitial water	11.2	<.04	64.2	<.008	63.6
Nov 02...	0900	Interstitial water	--	.11	65.0	<.008	69.6
Dec 22...	1259	Interstitial water	5.63	<.04	43.6	<.008	41.1